

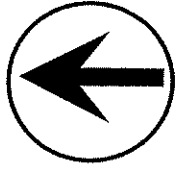
Date : 07/27/09

Count Number : TMC0924

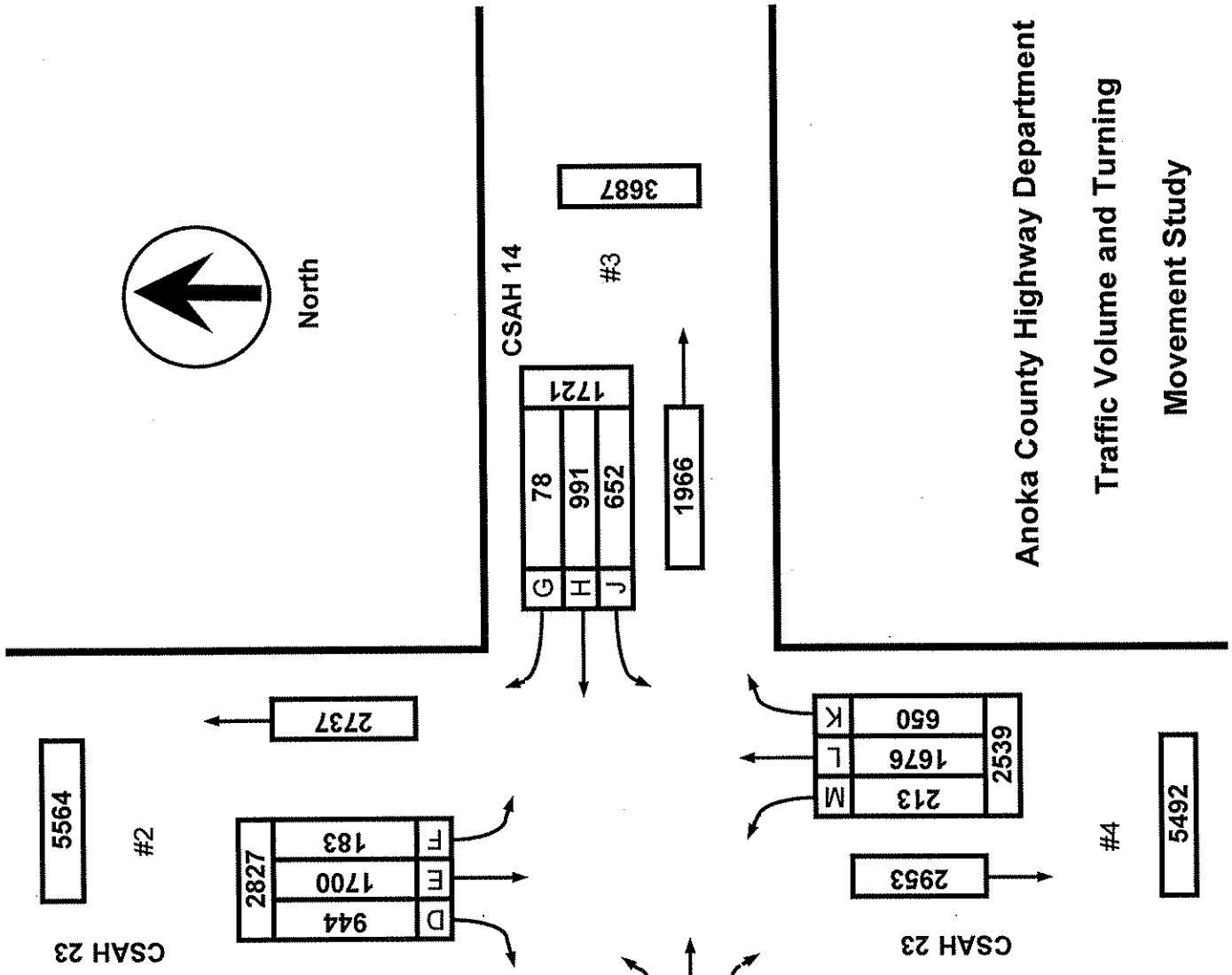
Location : CSAH 14 (MAIN ST.)

@ CSAH 23 (LAKE DR.)

Collection Period : 6:00AM - 10:00PM



North



#1

4865	2148
983	2717
1133	
601	
C	A
B	

#2

5564	2827
183	944
1700	
2737	
F	D
E	

#3

78	1721
991	
652	
G	J
H	
1966	

#4

2953	2539
213	
1676	
650	
M	K
L	

	EXISTING LANES OF APPROACH			TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	1		1	2
#2	1		1	2
#3	1		1	2
#4	1		1	2

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 07/27/09

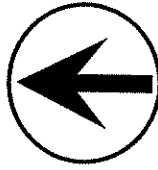
Count Number : TMC0924

Location : CSAH 14 (MAIN ST.)

@ CSAH 23 (LAKE DR.)

Collection Period : AM PEAK

Hour : 6:30 AM-7:30 AM



North

401

#2

CSAH 23

336	D	E	F
78		243	15

65

CSAH 14

#1

381

272	A	B	C
57		167	48

CSAH 14

109

#3

269

3	G	H	J
72		30	39

197

EXISTING LANES OF APPROACH				TOTAL
RIGHT TURN LANE	LEFT TURN LANE	THRU LANES		
1		1		2
1		1		2
1		1		2
1		1		2

30	M	L	K
1		14	15

339

CSAH 23

#4

369

Anoka County Highway Department
Traffic Volume and Turning
Movement Study

Date : 07/27/09

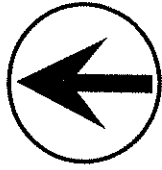
Count Number : TMC0924

Location : CSAH 14 (MAIN ST.)

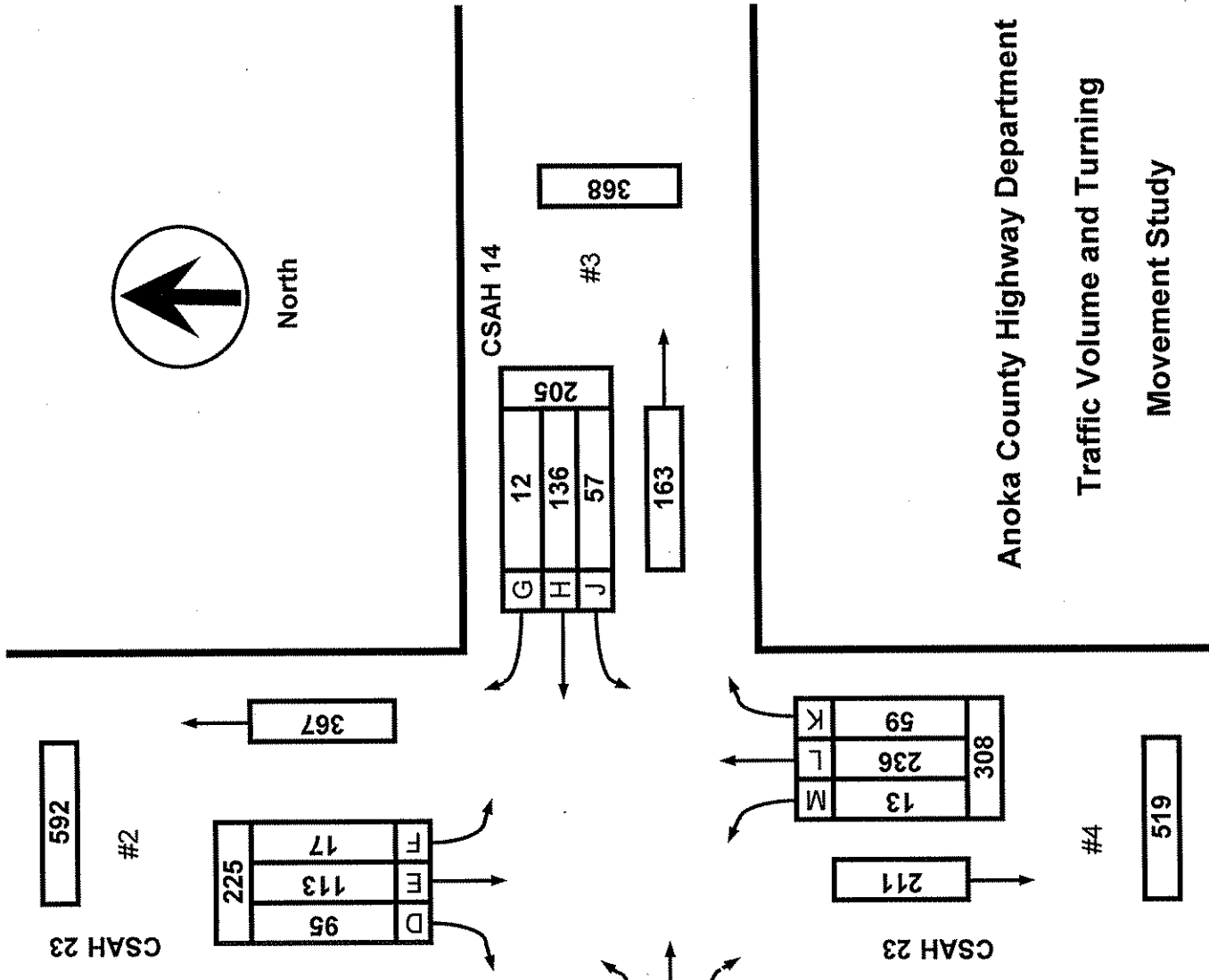
@ CSAH 23 (LAKE DR.)

Collection Period : PM PEAK

Hour : 5:00-6:00 PM



North



EXISTING LANES OF APPROACH				TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	1		1	2
#2	1		1	2
#3	1		1	2
#4	1		1	2

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Anoka County Highway Department

Traffic Engineering Section Traffic Volume and Turning Movement Study

Weather: WARM/PCLDY
Counter: DB-400
Printed by: Jake/Laura

File Name : TMC0924
Site Code : 09240202
Start Date : 7/27/2009
Page No : 1

Groups Printed - Unshifted - Bank 1

Start Time	CSAH 23 Southbound					CSAH 14 Westbound					CSAH 23 Northbound					CSAH 14 Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total			
06:00	3	38	6	0	47	5	9	1	0	15	1	8	4	0	13	8	14	6	3	28	3	103	106
06:15	7	51	23	3	81	7	11	0	0	18	1	5	5	2	11	12	25	7	2	44	7	154	161
06:30	6	70	23	6	99	13	11	1	0	25	0	6	4	0	10	15	37	16	4	68	10	202	212
06:45	4	52	14	5	70	10	6	0	1	16	1	5	6	1	12	9	49	19	4	77	11	175	186
Total	20	211	66	14	297	35	37	2	1	74	3	24	19	3	46	44	125	48	13	217	31	634	665
07:00	2	54	18	5	74	10	7	1	0	18	0	3	4	2	7	10	35	9	6	54	13	153	166
07:15	3	67	23	10	93	6	6	1	1	13	0	0	1	0	1	14	46	13	3	73	14	180	194
07:30	4	50	18	2	72	8	4	0	0	12	4	4	2	0	10	20	52	14	5	86	7	180	187
07:45	5	46	9	3	60	7	9	2	1	18	0	2	9	2	11	14	27	15	3	56	9	145	154
Total	14	217	68	20	299	31	26	4	2	61	4	9	16	4	29	58	160	51	17	269	43	658	701
08:00	4	31	11	5	46	9	1	1	0	11	1	5	4	0	10	20	28	14	4	62	9	129	138
08:15	6	44	17	7	67	15	12	1	1	28	1	3	0	0	4	16	20	10	3	46	11	145	156
08:30	1	28	12	4	41	9	6	1	0	16	1	7	3	3	11	12	20	15	2	47	9	115	124
08:45	4	20	9	5	33	8	17	1	1	26	2	10	3	1	15	21	21	10	3	52	10	126	136
Total	15	123	49	21	187	41	36	4	2	81	5	25	10	4	40	69	89	49	12	207	39	515	554
09:00	2	21	7	5	30	10	11	3	0	24	1	7	1	3	9	17	14	10	4	41	12	104	116
09:15	2	22	13	3	37	19	11	0	3	30	0	9	6	0	15	7	20	10	3	37	9	119	128
09:30	4	44	8	2	56	10	16	2	0	28	3	17	1	4	21	16	17	14	2	47	8	152	160
09:45	3	34	13	3	50	7	8	1	1	16	7	20	14	4	41	26	20	9	2	55	10	162	172
Total	11	121	41	13	173	46	46	6	4	96	11	53	22	11	86	66	71	43	11	180	39	537	576
10:00	3	23	8	4	34	14	14	2	2	30	0	18	5	5	23	12	14	9	3	35	14	122	136
10:15	11	41	16	8	68	11	13	0	5	24	4	15	8	5	27	15	6	8	3	29	21	148	169
10:30	7	19	13	2	39	13	15	1	1	29	1	16	9	6	26	14	10	8	1	32	10	126	136
10:45	6	35	15	7	56	7	12	1	0	20	5	8	2	0	15	14	11	14	6	39	13	130	143
Total	27	118	52	21	197	45	54	4	8	103	10	57	24	16	91	55	41	39	13	135	58	526	584
11:00	2	22	11	1	35	3	9	0	1	12	0	14	9	2	23	8	15	16	6	39	10	109	119
11:15	2	19	21	1	42	5	4	2	0	11	5	15	14	5	34	8	12	4	2	24	8	111	119
11:30	2	19	19	5	40	2	8	1	0	11	2	12	8	0	22	10	11	5	1	26	6	99	105
11:45	3	26	21	3	50	5	21	1	1	27	0	13	6	1	19	10	15	7	1	32	6	128	134
Total	9	86	72	10	167	15	42	4	2	61	7	54	37	8	98	36	53	32	10	121	30	447	477
12:00	2	24	15	2	41	12	21	0	1	33	6	22	13	2	41	17	11	12	3	40	8	155	163
12:15	2	25	12	3	39	21	24	0	2	45	15	27	30	2	72	10	12	7	2	29	9	185	194
12:30	1	36	22	0	59	18	15	1	3	34	10	31	25	3	66	19	11	13	3	43	9	202	211
12:45	0	24	21	3	45	15	16	4	2	35	7	15	16	2	38	6	16	18	3	40	10	158	168
Total	5	109	70	8	184	66	76	5	8	147	38	95	84	9	217	52	50	50	11	152	36	700	736
13:00	0	15	9	0	24	15	19	0	0	34	1	10	2	5	13	19	20	18	8	57	13	128	141
13:15	1	19	21	2	41	5	19	1	1	25	3	18	3	2	24	14	10	6	3	30	8	120	128
13:30	1	29	20	6	50	13	21	2	5	36	4	42	16	5	62	15	21	8	3	44	19	192	211
13:45	4	27	16	2	47	21	15	3	0	39	6	15	20	3	41	14	18	14	1	46	6	173	179
Total	6	90	66	10	162	54	74	6	6	134	14	85	41	15	140	62	69	46	15	177	46	613	659
14:00	5	25	14	2	44	16	17	2	0	35	2	22	12	4	36	19	23	15	2	57	8	172	180
14:15	2	25	15	1	42	22	20	2	1	44	10	31	14	3	55	19	21	17	3	57	8	198	206
14:30	1	14	9	3	24	7	6	0	0	13	4	48	14	6	66	11	17	5	7	33	16	136	152
14:45	3	31	15	7	49	14	11	1	2	26	2	79	17	1	98	20	13	10	2	43	12	216	228
Total	11	95	53	13	159	59	54	5	3	118	18	180	57	14	255	69	74	47	14	190	44	722	766
15:00	4	22	17	3	43	7	14	1	1	22	0	88	15	3	103	13	28	18	3	59	10	227	237
15:15	1	28	15	1	44	7	21	0	2	28	3	58	9	3	70	24	17	5	0	46	6	188	194
15:30	6	22	16	3	44	6	19	2	0	27	3	58	7	1	68	27	23	9	2	59	6	198	204
15:45	2	26	15	1	43	5	23	2	0	30	1	53	22	1	76	21	31	3	2	55	4	204	208
Total	13	98	63	8	174	25	77	5	3	107	7	257	53	8	317	85	99	35	7	219	26	817	843
16:00	3	32	19	3	54	11	12	1	1	24	3	64	13	5	80	31	16	3	3	50	12	208	220
16:15	4	30	28	2	62	7	14	0	2	21	1	41	15	3	57	31	21	15	2	67	9	207	216
16:30	6	34	28	5	68	16	36	3	0	55	2	64	15	4	81	24	22	10	2	56	11	260	271
16:45	4	29	18	2	51	11	29	0	1	40	3	35	19	1	57	37	31	12	0	80	4	228	232
Total	17	125	93	12	235	45	91	4	4	140	9	204	62	13	275	123	90	40	7	253	36	903	939
17:00	6	16	26	3	48	15	32	2	2	49	1	54	10	0	65	38	22	10	1	70	6	232	238
17:15	3	34	28	1	65	10	35	1	3	46	0	56	15	4	71	35	22	10	1	67	9	249	258
17:30	3	25	24	0	52	14	36	5	3	55	5	71	15	4	91	22	16	14	0	52	7	250	257
17:45	5	38	17	0	60	18	33	4	0	55	7	55	19	2	81	24	27	7	1	58	3	254	257
Total	17	113	95	4	225	57	136	12	8	205	13	236	59	10	308	119	87	41	3	247	25	985	1010
18:00	3	28	13	1	44	20	27	3	3	50	5	36	20	3	61	22	14	6	1	42	8	197	205
18:15	6	32	21	1	59	13	19	1	1	33	2	35	8	0	45	10	8	5	0	23	2	160	162
18:30	0	8	12	2	20	7	19	0	0	26	6	28	8	0	42	9	11	5	0	25	2	113	115
18:45	2	13	8	1	23	12	25	0	3	37	2	38	8	0	48	16	4	6	0	26	4	134	138
Total	11	81	54	5	146	52	90	4	7	146	15	137	44	3	196	57	37	22	1	116	16	604	620

Anoka County Highway Department

Traffic Engineering Section Traffic Volume and Turning Movement Study

File Name : TMC0924
Site Code : 09240202
Start Date : 7/27/2009
Page No : 2

Weather: WARM/PCLDY
Counter: DB-400
Printed by: Jake/Laura

Groups Printed- Unshifted - Bank 1

Start Time	CSAH 23 Southbound					CSAH 14 Westbound					CSAH 23 Northbound					CSAH 14 Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total			
19:00	0	18	5	2	23	11	21	0	1	32	4	34	3	1	41	17	9	6	0	32	4	128	132
19:15	0	13	8	1	21	4	15	1	1	20	3	37	10	0	50	6	10	7	0	23	2	114	116
19:30	0	9	8	0	17	13	11	0	0	24	2	31	18	0	51	12	8	13	1	33	1	125	126
19:45	2	9	16	1	27	6	12	4	0	22	6	28	13	2	47	5	9	2	0	16	3	112	115
Total	2	49	37	4	88	34	59	5	2	98	15	130	44	3	189	40	36	28	1	104	10	479	489
20:00	2	7	10	0	19	9	6	2	0	17	13	35	22	0	70	9	9	5	0	23	0	129	129
20:15	1	8	8	0	17	7	5	3	0	15	3	17	8	0	28	9	6	3	0	18	0	78	78
20:30	0	10	8	0	18	4	6	0	0	10	3	15	10	1	28	5	7	4	0	16	1	72	73
20:45	0	10	9	0	19	2	12	1	0	15	8	14	13	0	35	8	5	4	0	17	0	86	86
Total	3	35	35	0	73	22	29	6	0	57	27	81	53	1	161	31	27	16	0	74	1	365	366
21:00	2	8	12	1	22	7	21	0	0	28	11	14	11	0	36	5	8	1	0	14	1	100	101
21:15	0	8	8	0	16	8	15	0	0	23	2	13	3	0	18	4	6	3	0	13	0	70	70
21:30	0	6	5	0	11	6	16	1	0	23	2	12	4	0	18	4	7	5	0	16	0	68	68
21:45	0	7	5	0	12	4	12	1	0	17	2	10	7	0	19	4	4	5	0	13	0	61	61
Total	2	29	30	1	61	25	64	2	0	91	17	49	25	0	91	17	25	14	0	56	1	299	300
Grand Total	183	1700	944	164	2827	652	991	78	60	1721	213	1676	650	122	2539	983	1133	601	135	2717	481	9804	10285
Apprch %	6.5	60.1	33.4			37.9	57.6	4.5			8.4	66	25.6			36.2	41.7	22.1			4.7	95.3	
Total %	1.9	17.3	9.6		28.8	6.7	10.1	0.8		17.6	2.2	17.1	6.6		25.9	10	11.6	6.1		27.7			
Unshifted	183	1700	944		2991	652	991	78		1781	213	1676	650		2661	983	1133	601		2852	0	0	10285
% Unshifted	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0	0	100
Bank 1	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0
% Bank 1	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0

Start Time	CSAH 23 Southbound				App. Total	CSAH 14 Westbound				App. Total	CSAH 23 Northbound				App. Total	CSAH 14 Eastbound				App. Total	Int. Total	
	Left	Thru	Right	Heavy		Left	Thru	Right	Heavy		Left	Thru	Right	Heavy		Left	Thru	Right	Heavy			
Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																						
Peak Hour for Entire Intersection Begins at 06:30																						
06:30	6	70	23		99	13	11	1		25	0	6	4		10	15	37	16		68	202	
06:45	4	52	14		70	10	6	0		16	1	5	6		12	9	49	19		77	175	
07:00	2	54	18		74	10	7	1		18	0	3	4		7	10	35	9		54	153	
07:15	3	67	23		93	6	6	1		13	0	0	1		1	14	46	13		73	180	
Total Volume	15	243	78		336	39	30	3		72	1	14	15		30	48	167	57		272	710	
% App. Total	4.5	72.3	23.2			54.2	41.7	4.2			3.3	46.7	50			17.6	61.4	21				
PHF	.625	.868	.848		.848	.750	.682	.750		.720	.250	.583	.625		.625	.800	.852	.750		.883	.879	

Start Time	CSAH 23 Southbound				App. Total	CSAH 14 Westbound				App. Total	CSAH 23 Northbound				App. Total	CSAH 14 Eastbound				App. Total	Int. Total	
	Left	Thru	Right	Heavy		Left	Thru	Right	Heavy		Left	Thru	Right	Heavy		Left	Thru	Right	Heavy			
Peak Hour Analysis From 12:00 to 21:45 - Peak 1 of 1																						
Peak Hour for Entire Intersection Begins at 17:00																						
17:00	6	16	26		48	15	32	2		49	1	54	10		65	38	22	10		70	232	
17:15	3	34	28		65	10	35	1		46	0	56	15		71	35	22	10		67	249	
17:30	3	25	24		52	14	36	5		55	5	71	15		91	22	16	14		52	250	
17:45	5	38	17		60	18	33	4		55	7	55	19		81	24	27	7		58	254	
Total Volume	17	113	95		225	57	136	12		205	13	236	59		308	119	87	41		247	985	
% App. Total	7.6	50.2	42.2			27.8	66.3	5.9			4.2	76.6	19.2			48.2	35.2	16.6				
PHF	.708	.743	.848		.865	.792	.944	.600		.932	.464	.831	.776		.846	.783	.806	.732		.882	.969	

**ANOKA COUNTY HIGHWAY
PC-WARRANTS
TRAFFIC SIGNAL WARRANT ANALYSIS**

Study Name : TMC0924
Study Date : 07/31/09
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 23
Number of Lanes: 2
Approach Speed: 50
Total Approach Volume: 2,539

Southbound: CSAH 23
Number of Lanes: 2
Approach Speed: 55
Total Approach Volume: 2,827

Minor Street Approaches

Eastbound: CSAH 14
Number of Lanes: 2
Total Approach Volume: 2,717

Westbound: CSAH 14
Number of Lanes: 2
Total Approach Volume: 1,721

Warrant Summary (Rural values apply.)

- Warrant 1 - Eight Hour Vehicular Volumes** **Not Satisfied**
 - Warrant 1A - Minimum Vehicular Volume** **Not Satisfied**
Required volumes reached for 3 hours, 8 are needed
 - Warrant 1B - Interruption of Continuous Traffic** **Not Satisfied**
Required volumes reached for 0 hours, 8 are needed
 - Warrant 1 A&B - Combination of Warrants** **Not Satisfied**
Required volumes reached for 2 hours, 8 are needed

- Warrant 2 - Four Hour Volumes** **Not Satisfied**
Number of hours (2) volumes exceed minimum < minimum required (4).

- Warrant 3 - Peak Hour** **Satisfied**
 - Warrant 3A - Peak Hour Delay** **Satisfied**
Number of hours (11) volumes exceed minimum >= required (1). Delay data not evaluated.
 - Warrant 3B - Peak Hour Volumes** **Not Satisfied**
Volumes do not exceed minimums for any hour.

- Warrant 4 - Pedestrian Volumes** **Not Evaluated**

- Warrant 5 - School Crossing** **Not Evaluated**

- Warrant 6 - Coordinated Signal System** **Not Evaluated**

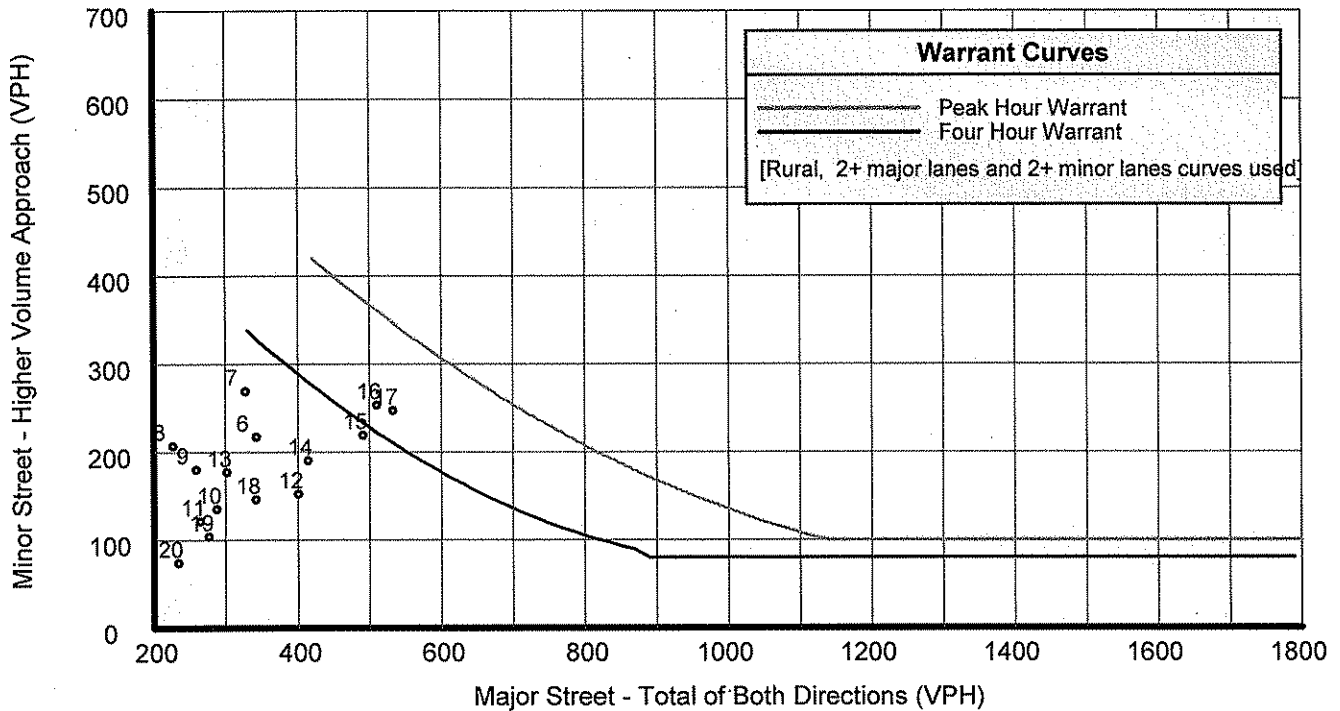
- Warrant 7 - Crash Experience** **Not Evaluated**

- Warrant 8 - Roadway Network** **Not Evaluated**

ANOKA COUNTY HIGHWAY PC-WARRANTS TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name : TMC0924
Study Date : 07/31/09
Page No. : 2

Signal Warrants - Summary



Analysis of 8-Hour Volume Warrants:

Hour Begin	Major Total	Higher Minor Vol	Dir	War-1A			War-1B			War-1A&B		
				Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
00:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
01:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
02:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
03:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
04:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
05:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
06:00	343	217	EB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
07:00	328	269	EB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
08:00	227	207	EB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
09:00	259	180	EB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
10:00	288	135	EB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
11:00	265	121	EB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
12:00	401	152	EB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
13:00	302	177	EB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
14:00	414	190	EB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
15:00	491	219	EB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-No	112-Yes	Minor
16:00	510	253	EB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
17:00	533	247	EB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
18:00	342	146	WB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
19:00	277	104	EB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
20:00	234	74	EB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
21:00	152	91	WB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
22:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
23:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---

**ANOKA COUNTY HIGHWAY
PC-WARRANTS
TRAFFIC SIGNAL WARRANT ANALYSIS**

Study Name : TMC0924
Study Date : 07/31/09
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Northbound: CSAH 23
Total Approach Volume: 2,539
Approach Speed: 50

Southbound: CSAH 23
Total Approach Volume: 2,827
Approach Speed: 55

Minor Street Approaches

Eastbound: CSAH 14
Total Approach Volume: 2,717

Westbound: CSAH 14
Total Approach Volume: 1,721

Warrant Summary

Criteria A - Interim Measure Not Evaluated
If traffic signals are justified, stop signs can be installed as an interim measure.

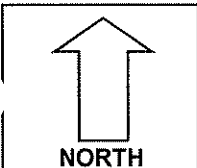
Criteria B - Crash Experience Not Evaluated

Criteria C - Minimum Volumes and Delays Satisfied
Delay data not evaluated
Required volumes reached for 14 hours, 8 are needed

Criteria D - 80% of Volumes, Delays, and Crashes Not Evaluated
Delay data not evaluated
Number of crashes (-1) is less than the minimum required (4).
Required volumes reached for 0 hours, 8 are needed

Analysis of 8 Hour Volume Warrants:

Time	Major Total	Minor Total	Crit C			Crit D		
			Major	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
05:45 - 06:45	261	198	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
06:45 - 07:45	339	349	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:45 - 08:45	250	284	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:45 - 09:45	216	285	210-Yes	140-Yes	Both	240-No	160-Yes	Minor
09:45 - 10:45	308	250	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
10:45 - 11:45	267	182	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
11:45 - 12:45	387	283	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
12:45 - 13:45	297	301	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
13:45 - 14:45	355	324	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
14:45 - 15:45	519	310	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:45 - 16:45	521	358	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:45 - 17:45	500	459	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:45 - 18:45	412	312	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:45 - 19:45	274	227	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
19:45 - 20:45	254	137	210-Yes	140-No	Major	240-Yes	160-No	Major
20:00 - 21:00	234	131	210-Yes	140-No	Major	240-No	160-No	No
00:00 - 01:00	0	0	210-No	140-No	No	240-No	160-No	No
00:15 - 01:15	0	0	210-No	140-No	No	240-No	160-No	No
00:30 - 01:30	0	0	210-No	140-No	No	240-No	160-No	No
00:45 - 01:45	0	0	210-No	140-No	No	240-No	160-No	No
01:00 - 02:00	0	0	210-No	140-No	No	240-No	160-No	No
01:15 - 02:15	0	0	210-No	140-No	No	240-No	160-No	No
01:30 - 02:30	0	0	210-No	140-No	No	240-No	160-No	No
01:45 - 02:45	0	0	210-No	140-No	No	240-No	160-No	No



COUNT LOCATION:

CSAH 14 (MAIN ST.)

DATE:

7/29/2009

@ CSAH 23 (LAKE DR.)

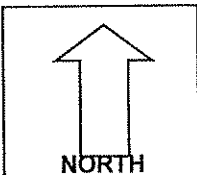
APP. #1 = CSAH 14
APP. #2 = CSAH 23
APP. #3 = CSAH 14
APP. #4 = CSAH 23

APP. #1	APP. #2	APP. #3	APP. #4
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- HEAVY VEHICLE- ANY VEHICLE HAVING MORE THAN FOUR TIRES TOUCHING THE PAVEMENT
- A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.
 - B. RV- A HEAVY VEHICLE OPERATED BY A PRIVATE MOTORIST AND INVOLVED IN THE TRANSPORT OF RECREATIONAL EQUIPMENT OR FACILITIES.
 - C. BUSES- A HEAVY VEHICLE INVOLVED IN THE TRANSPORTATION OF GROUPS OF PEOPLE.

TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
6:00-6:15AM						3		
6:15-6:30						5		2
6:30-6:45		1			1	10		
6:45-7:00						10		1
HOURLY TOTAL					1	HOURLY TOTAL		31
7:00-7:15						13		
7:15-7:30	1				1	14		
7:30-7:45						7		
7:45-8:00						9		
HOURLY TOTAL					1	HOURLY TOTAL		43
8:00-8:15						9		
8:15-8:30			1		1	10		1
8:30-8:45						9		
8:45-9:00						10		
HOURLY TOTAL					1	HOURLY TOTAL		39
9:00-9:15						13		1
9:15-9:30	1				1	9		
9:30-9:45						8		
9:45-10:00			1	1	2	10		
HOURLY TOTAL					3	HOURLY TOTAL		41
10:00-10:15						14		
10:15-10:30				1	1	20	1	
10:30-10:45			1		1	9	1	
10:45-11:00				1	1	13		
HOURLY TOTAL					3	HOURLY TOTAL		58
11:00-11:15						9		
11:15-11:30		1	1		2	8		
11:30-11:45		1			1	6		
11:45-12:00						6		
HOURLY TOTAL					3	HOURLY TOTAL		29
12:00-12:15						8		
12:15-12:30		1			1	9		
12:30-12:45						9		
12:45-1:00						8		
HOURLY TOTAL					1	HOURLY TOTAL		34
1:00-1:15		2			2	13		
1:15-1:30	2				2	7	1	
1:30-1:45						14	1	
1:45-2:00				6	6	5	1	
HOURLY TOTAL					10	HOURLY TOTAL		42
TOTAL					23	TOTAL		317

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COUNT LOCATION:

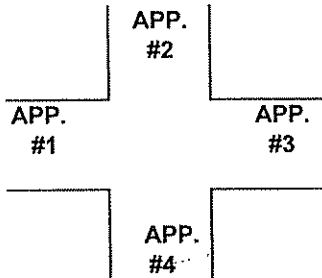
CSAH 14 (MAIN ST.)

DATE:

7/27/2009

@ CSAH 23 (LAKE DR.)

APP. #1 = CSAH 14
APP. #2 = CSAH 23
APP. #3 = CSAH 14
APP. #4 = CSAH 23



HEAVY VEHICLE- ANY VEHICLE HAVING MORE THAN FOUR TIRES TOUCHING THE PAVEMENT

- A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.
- B. RV- A HEAVY VEHICLE OPERATED BY A PRIVATE MOTORIST AND INVOLVED IN THE TRANSPORT OF RECREATIONAL EQUIPMENT OR FACILITIES.
- C. BUSES- A HEAVY VEHICLE INVOLVED IN THE TRANSPORTATION OF GROUPS OF PEOPLE.

TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
2:00-2:15PM						7		
2:15-2:30						8		
2:30-2:45						14	1	
2:45-3:00						13		
HOURLY TOTAL						HOURLY TOTAL	43	
3:00-3:15	1		1			9		
3:15-3:30						6		
3:30-3:45						6		
3:45-4:00						5		
HOURLY TOTAL					2	HOURLY TOTAL	26	
4:00-4:15						12		
4:15-4:30						8		
4:30-4:45						13		
4:45-5:00						1		
HOURLY TOTAL						HOURLY TOTAL	34	
5:00-5:15						4		2
5:15-5:30	2	1	1			9		
5:30-5:45				1		7		1
5:45-6:00						3		
HOURLY TOTAL					5	HOURLY TOTAL	26	
6:00-6:15				1		5		
6:15-6:30						2		
6:30-6:45						2		
6:45-7:00						3	1	
HOURLY TOTAL					1	HOURLY TOTAL	13	
7:00-7:15						3		1
7:15-7:30						2		
7:30-7:45						1		
7:45-8:00						1		
HOURLY TOTAL						HOURLY TOTAL	8	
8:00-8:15								
8:15-8:30								
8:30-8:45						1		
8:45-9:00								
HOURLY TOTAL						HOURLY TOTAL	1	
9:00-9:15								
9:15-9:30						1		
9:30-9:45								
9:45-10:00								
HOURLY TOTAL						HOURLY TOTAL	1	
					TOTAL		TOTAL	469
					31			

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